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Application/Control No.

10/084,217

10/084,21 Examiner

Saba Tsegaye

Applicant(s)/Patent under Reexamination

HARALD, ECKHARDT

Art Unit

2662

| <b>√</b> | Rejected |
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Interference

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| Claim                                       | Date            |          |              |          |          | Γ         | Claim Date |           |           |                    |          |               |           | $\neg$   |          | Cla      | aim      | Date     |          |              |          |     |                 |            |          |           |           |          |          |          |          |          |          |
|---|-----------------|----------|--------------|----------|----------|-----------|------------|-----------|-----------|--------------------|----------|---------------|-----------|----------|----------|----------|----------|----------|----------|--------------|----------|-----|-----------------|------------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|
|   |                 |          |              |          |          |           | ပ္က        |           |           |                    |          |               |           |          |          |          |          |          |          |              |          |     |                 |            |          |           |           |          |          | Γ        |          |          | П        |
| Final<br>Original                           | 11/9/05         |          |              |          |          |           |            |           |           | 13                 | Final    | Original      |           |          | - 1      |          |          | 1        |          |              |          |     | Final           | Original   |          |           |           |          |          |          |          |          |          |
| <u>                                    </u> | 11/             |          |              |          |          |           |            |           |           | i                  | Ξ        | Ĕ             |           |          |          |          |          |          |          | - 1          |          |     | ﻧ፫              | )<br>ji    |          |           |           |          |          |          |          |          |          |
|   | Ш               |          | _            |          |          | L         |            | Ш         | _         | $\perp$            |          |               | Ш         |          | _        | $\Box$   |          | _        | _        | _            | _        |     |                 | İ          | L        | L         |           |          |          |          | Ш        |          | Ш        |
| 1   | V               | _        | _            |          |          | L         |            | Ш         | _         | _                  |          | 51            |           | _        | _        | _        |          | _        | _        | _            | _        |     |                 | 101        | _        |           |           |          |          |          | Щ        |          | Ш        |
| 2   | 1               | _        | _            |          |          |           | oxdapsilon |           | _         | <u> </u>           | _        | 52            | Ш         |          | _        | _        |          | _        | _        | _            |          |     |                 | 102        | _        |           |           |          |          |          | Ш        |          | Ш        |
| 3   | 1               | _        | 4            |          | _        | <u> </u>  | $\vdash$   | $\square$ | 4         | $\vdash$           | -        | 53            |           | _        | _        | _        | _        | _        | 4        | _            |          |     |                 | 103        |          | <u> </u>  |           |          |          |          | $\sqcup$ |          | Ш        |
| 4   | 1               | _        | $\dashv$     |          |          | <u> </u>  |            | Н         | _         | -                  | -        | 54            | $\vdash$  | _        | _        | _        | _        | _        | 4        |              | _        |     |                 | 104        |          | <u> </u>  | ļ.,       |          |          |          |          |          | Щ        |
| 5   | 1               | $\dashv$ | $\dashv$     |          |          | <u> </u>  | $\vdash$   | $\square$ | 4         | -                  | _        | 55            | _         |          | _        |          | -        | -        | -        |              | ᅱ        |     |                 | 105        | _        | <u> </u>  | _         |          | _        | $\vdash$ | 4        |          | Ш        |
| 6   | 1               | $\dashv$ | ᅱ            | -        |          | <u> </u>  | _          | Н         | _         |                    |          | 56<br>57      |           |          |          |          | -        | -        |          | -            |          |     |                 | 106<br>107 | <u> </u> | _         |           |          |          |          | $\dashv$ |          | $\vdash$ |
| 8   | 1               | -        |              | -        | -        | ├         |            | Н         | $\dashv$  | $\vdash$           | +        | 58            | -         |          | -        |          | -        | $\dashv$ | $\dashv$ | -            | ᆜ        |     |                 | 108        | -        | -         | -         |          |          |          | $\dashv$ |          | $\vdash$ |
| 9   | 1               | $\dashv$ | $\dashv$     | $\vdash$ | -        | ┝         | -          | H         | $\dashv$  | $\vdash$           | +        | 59            | $\vdash$  | $\dashv$ | ┪        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | ᅥ        |     | -               | 109        | $\vdash$ | -         | -         | -        |          | H        | $\dashv$ | _        | -        |
| 10  | V               | $\dashv$ | $\dashv$     | Н        | _        | ┢         | $\vdash$   | $\vdash$  | $\dashv$  | $\vdash$           | $\dashv$ | 60            | $\vdash$  | $\dashv$ | $\dashv$ | ╅        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | -        |     | $\vdash$        | 110        | $\vdash$ |           | -         | -        |          | -        | $\dashv$ | _        | $\dashv$ |
| 11  | H               | $\vdash$ | $\dashv$     |          |          | H         |            | H         | ┪         | -                  | 一        | 61            |           | $\dashv$ | ᅥ        | -        |          | +        | $\dashv$ | +            |          |     |                 | 111        | $\vdash$ | Н         | $\vdash$  |          | $\vdash$ | $\vdash$ | $\vdash$ |          | $\dashv$ |
| 12  | $\vdash$        | $\dashv$ | $\dashv$     | $\dashv$ |          | $\vdash$  | $\vdash$   | $\vdash$  | $\dashv$  | $\vdash$           | $\dashv$ | 62            | $\vdash$  | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | ᅥ            | $\dashv$ |     |                 | 112        |          | Н         | Н         | Н        | $\vdash$ | $\vdash$ | $\vdash$ | _        | $\dashv$ |
| 13  | Н               | $\dashv$ |              | $\vdash$ |          |           |            | H         | ヿ         | $\vdash$           | $\dashv$ | 63            | Н         | -        | $\dashv$ |          | 一        | _        | $\dashv$ | $\dashv$     | $\dashv$ |     |                 | 113        | $\vdash$ |           | $\vdash$  | Н        |          |          | $\vdash$ |          | -        |
| 14  | $\sqcap$        |          | $\dashv$     | $\neg$   |          |           |            | $\Box$    | $\neg$    |                    | $\dashv$ | 64            | П         | 一        | 寸        | $\dashv$ | $\dashv$ | $\dashv$ | 寸        | 1            | ᅥ        |     |                 | 114        |          | $\vdash$  | П         | $\Box$   |          |          |          |          | $\dashv$ |
| 15  |                 |          | $\neg$       |          |          |           |            |           | $\neg$    |                    | $\neg$   | 65            |           |          | 一        | T        |          | 寸        |          |              | T        |     |                 | 115        |          |           |           | П        |          |          |          |          | $\neg$   |
| 16  |                 |          |              |          |          |           |            |           | $\neg$    |                    | $\neg$   | 66            | П         | $\neg$   | $\neg$   |          | $\neg$   | 寸        | T        |              | $\neg$   |     |                 | 116        | $\Box$   |           |           |          |          |          |          |          |          |
| 17  |                 |          |              |          |          |           |            |           |           |                    | П        | 67            |           |          |          |          |          | П        |          |              |          |     |                 | 117        |          |           |           |          |          |          |          |          |          |
| 18  |                 |          |              |          |          |           |            |           |           |                    |          | 68            |           |          |          |          |          |          |          |              |          |     |                 | 118        |          |           |           |          |          |          |          |          |          |
| 19  |                 |          |              |          |          |           |            |           |           |                    |          | 69            |           |          | [        |          |          |          |          |              |          | 1   |                 | 119        |          |           |           |          |          |          |          |          |          |
| 20  |                 |          |              |          |          |           |            |           |           |                    |          | 70            |           |          |          |          |          |          |          |              |          |     |                 | 120        |          |           |           |          |          |          |          | i        |          |
| 21  |                 |          | _            |          |          | L         |            |           | _         | L                  | _        | 71            |           |          |          | $\Box$   | $\Box$   | _        | _        |              |          | - 1 |                 | 121        |          |           |           |          |          |          |          |          |          |
| 22  | Ш               |          | 4            |          |          | L         | Ш          | $\Box$    | `         | L                  | _        | 72            | Ш         | $\perp$  | _        | _        | $\dashv$ | _        | _        |              | _        | - 1 |                 | 122        |          |           |           |          |          |          |          |          |          |
| 23  | Ш               | _        | _            | $\Box$   |          |           |            |           | _         |                    | _        | 73            | Ш         | _        |          | $\dashv$ | _        | 4        | $\perp$  | _            | _        | J   |                 | 123        | _        |           |           |          |          |          |          |          |          |
| 24  | Н               | $\dashv$ | 4            | -        |          | _         | -          | $\square$ |           | <u> </u>           | 4        | 74            | Н         | 4        | _        | $\dashv$ | _        | $\dashv$ | 4        | _            | _        | - 1 |                 | 124        | _        | L.        |           |          |          |          | _        |          |          |
| 25  | $\vdash$        | -        | _            | $\dashv$ | _        | _         | -          | $\dashv$  | -         | $\vdash$           | $\dashv$ | 75            | Н         | _        | _        |          | 4        | $\dashv$ | 4        | _            | {        |     | Ш               | 125        | _        |           |           |          |          |          |          |          | _        |
| 26  | -               | $\dashv$ | -            | $\dashv$ |          |           |            | $\dashv$  | -         | -                  | 4        | 76            | $\vdash$  | 4        |          |          | $\dashv$ | $\dashv$ | -+       | _            | _        |     | ļ               | 126        | _        | $\vdash$  | _         | Н        | Н        |          | _        |          | $\dashv$ |
| 27<br>28                                    | $\vdash$        | $\dashv$ | -            | $\dashv$ |          |           | _          |           | -         | $\vdash$           | $\dashv$ | 77<br>78      | Н         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ |              | 괵        |     | -               | 127        | <u> </u> | _         | _         | Н        | Н        |          |          | _        | $\dashv$ |
| 29  | $\vdash$        | $\dashv$ | -            | $\dashv$ | _        |           |            | $\dashv$  | -         | -                  | $\dashv$ | <del>78</del> | Н         | $\dashv$ | +        | $\dashv$ | -        | $\dashv$ | $\dashv$ | -            | $\dashv$ |     | <b></b>         | 128<br>129 | _        |           |           | Н        | Н        | Н        | -        |          | $\dashv$ |
| 30  | Н               | $\dashv$ | $\dashv$     | $\dashv$ | _        |           | $\vdash$   | $\dashv$  | $\dashv$  | -                  | $\dashv$ | 80            | Н         | $\dashv$ | $\dashv$ | -1       | $\dashv$ | $\dashv$ | $\dashv$ | -            | $\dashv$ |     |                 | 130        | _        | -         | _         | $\dashv$ | Н        | Н        | $\dashv$ |          | $\dashv$ |
| 31  | $\vdash$        | $\dashv$ | -            | $\dashv$ | =        | $\vdash$  | $\vdash$   | $\dashv$  | $\dashv$  | $\vdash$           | $\dashv$ | 81            | $\vdash$  |          |          |          | $\dashv$ | $\dashv$ | +        | -            | $\dashv$ | ŀ   | H               | 131        | -        | Н         |           |          | Н        | -        | -        | $\dashv$ | $\dashv$ |
| 32  | Н               | +        | $\dashv$     | $\dashv$ | _        |           | -          | $\vdash$  | $\dashv$  | -                  | $\dashv$ | 82            | $\vdash$  | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | +        | -            | $\dashv$ | ŀ   | $\vdash$        | 132        |          | $\vdash$  | Н         | -        | -        |          | -        | 러        | ᅱ        |
| 33  | H               | 7        | $\dashv$     | 一        | $\neg$   |           | _          | $\dashv$  | ╡         | $\vdash$           | -+       | 83            |           | ᆉ        | +        | ᅥ        | $\dashv$ | $\dashv$ | $\dashv$ | -            | $\dashv$ | ł   | Н               | 133        | $\vdash$ |           | Н         | $\dashv$ | $\dashv$ | Н        | $\dashv$ |          | $\dashv$ |
| 34  | $\vdash$        | $\dashv$ | 1            | $\neg$   |          | Н         |            | $\vdash$  | $\dashv$  |                    | $\dashv$ | 84            | $\vdash$  | _        | $\dashv$ | -        | $\dashv$ | $\dashv$ | 十        | 7            | $\dashv$ | ł   | H               | 134        | -        | H         | H         | $\vdash$ | -        | Н        | -        |          | $\dashv$ |
| 35  | $\Box$          | 一        | 7            |          |          |           |            | $\Box$    | $\dashv$  |                    | $\dashv$ | 85            | Н         | 一        | $\dashv$ | $\dashv$ | _        | _        | 寸        | 7            | $\dashv$ | Ì   |                 | 135        |          | Н         | Н         | $\vdash$ |          | Н        | 1        |          | $\dashv$ |
| 36  | П               | 寸        | $\dashv$     | $\neg$   |          | П         |            | $\Box$    | $\exists$ |                    |          | 86            |           | _        |          | $\neg$   | $\dashv$ | $\dashv$ | $\neg$   | 7            | $\dashv$ |     |                 | 136        |          |           |           |          |          | П        | $\dashv$ |          | 一        |
| 37  | П               | 丁        | T            |          |          |           |            | $\Box$    |           |                    | 寸        | 87            | П         | $\neg$   | 寸        | $\neg$   | 7        | T        | 寸        | $\dashv$     | $\neg$   |     |                 | 137        |          | П         | П         |          |          | $\Box$   |          |          | 一        |
| 38  |                 |          |              |          |          |           |            |           |           |                    | $\Box$   | 88            |           |          | ╛        |          | 丁        |          |          |              | $\Box$   |     |                 | 138        |          |           |           |          |          | П        |          |          | $\neg$   |
| 39  |                 |          |              |          |          |           |            |           |           |                    |          | 89            |           |          | ◨        |          |          |          | $\Box$   |              |          |     |                 | 139        |          |           |           |          |          |          |          |          |          |
| 40  |                 | $\Box$   |              |          |          |           |            |           |           |                    | $\Box$   | 90            |           | $\Box$   | $\Box$   |          | $\Box$   | $\Box$   | $\Box$   | $oxed{oxed}$ |          |     |                 | 140        |          |           |           |          |          |          |          |          |          |
| 41  | $\Box$          |          |              | I        |          |           |            |           | $\Box$    |                    |          | 91            | $\square$ | $\Box$   |          |          | $\Box$   | $\Box$   |          | $\Box$       |          |     |                 | 141        |          |           |           |          |          |          |          |          |          |
| 42  | $\Box$          |          |              | $\Box$   |          |           |            |           | _]        |                    | $\bot$   | 92            | Ш         | $\Box$   | J        | $\dashv$ | $\Box$   | $\bot$   | I        | $\Box$       | $\Box$   |     |                 | 142        |          |           |           |          |          |          |          |          |          |
| 43  | Ш               | 4        | _            |          |          | Ш         | Ш          |           | $\Box$    | $\vdash$           | _        | 93            |           |          | $\perp$  | _        | [        | $\perp$  |          | Ц            |          | ļ   |                 | 143        |          | Ш         |           |          |          |          | _[       |          | 凵        |
| 44  | Щ               | _        | _            |          |          |           |            |           | _         | $\perp$            | 4        | 94            | Ш         | _        | _        | _        | _        | _        | 4        | _            | _        | ļ   |                 | 144        |          |           |           |          |          | Ш        | _        | _        |          |
| 45  | $\sqcup$        | $\dashv$ | $\downarrow$ | _        | _        | Ш         |            |           | 4         | <u> </u>           | 4        | 95            | Ш         | _        | 4        | _        | 4        | 4        | 4        | 4            | $\dashv$ | ļ   | $\sqcup \sqcup$ | 145        |          | Ш         | $\square$ |          |          | Ш        | _        | _        | _        |
| 46  | $\vdash \vdash$ | $\dashv$ | 4            | _        | _        | Щ         | $\Box$     | _         | 4         | <u> </u>           | 4        | 96            | Ш         | 4        | _        | -4       | _        | $\dashv$ | _        | 4            | _        | ۱   |                 | 146        |          | Щ         |           | _        | _        |          |          | _        | _        |
| 47  | Н               | $\dashv$ | _            |          | _        | $\square$ | _          | _         | _         | <u> </u>           | -        | 97            | $\sqcup$  | _        | _        | _        | _        | $\dashv$ | $\dashv$ | 4            | _        | ļ   |                 | 147        |          | Ш         |           | _        |          |          | _        | _        | $\dashv$ |
| 48  | $\vdash \vdash$ | -        | _            |          | $\dashv$ |           | _          |           | 4         | $\vdash$           | $\dashv$ | 98            | $\vdash$  | -        | 4        | 4        | $\dashv$ | $\dashv$ | +        | 4            | 4        | ļ   | ļļ              | 148        |          | $\square$ |           |          |          |          | _ .      | _        | Ц        |
| 49  | Н               | $\dashv$ | -            |          | -        |           | $\dashv$   |           | $\dashv$  | $\vdash$           | $\dashv$ | 99            | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 4            | _        | ŀ   | $\vdash$        | 149        |          |           | _         |          |          |          | $\dashv$ | _        | ᅴ        |
| 50  |                 |          | _1           |          |          |           |            | 1         |           | $ldsymbol{\sqcup}$ | $\perp$  | 100           | Ш         |          |          |          |          |          | ᆚ        |              |          | Į   | لــــا          | 150        |          | $\Box$    | ل         |          |          |          |          |          | $\Box$   |